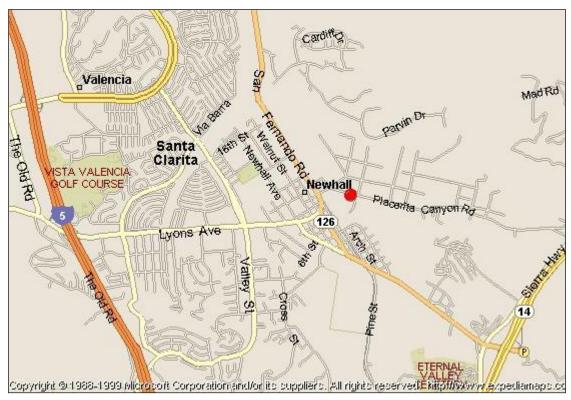
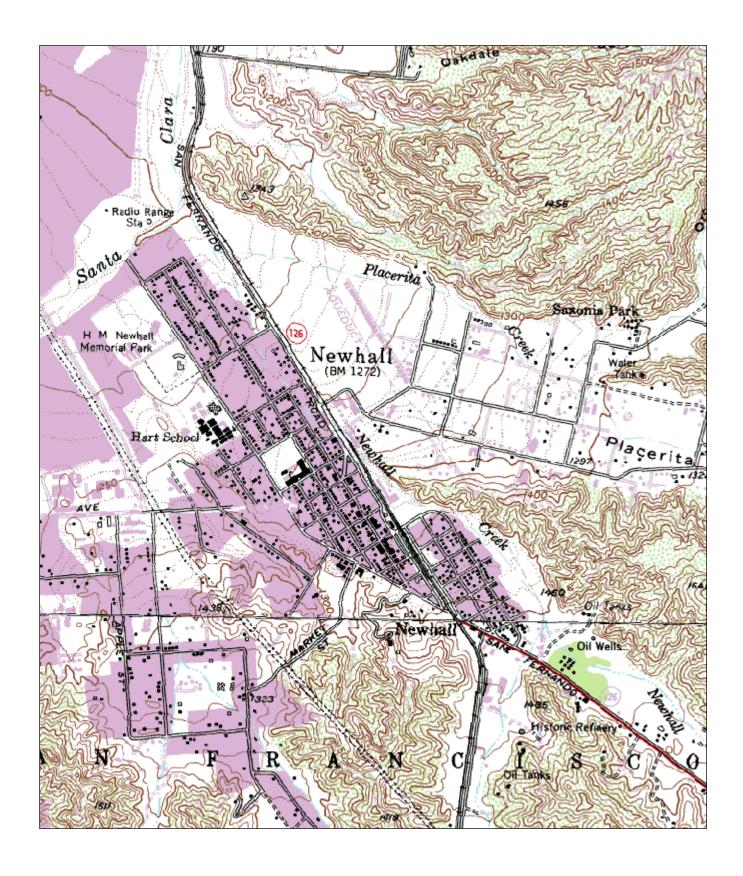
## **South Coast AQMD** Site Survey Report for Santa Clarita Last updated: May 10, 2021



AQS ID	ARB Number	Site Start Date	Reporting Agency and Agency Code
060376012	70090	05/2001	South Coast AQMD (0972)

Site Address	County	Air Basin	Latitude	Longitude	Elevation
22224 Placerita Canyon Road Santa Clarita, CA 91321	Los Angeles	South Coast	34° 23' 0"N	118° 31' 42"W	386



## **Detailed Site Information**

Local site name		Santa Cla	arita-Placerita				
AQS ID							
GPS coordinates (decimal degrees)		060376012					
Street Address		Latitude: 34° 23' 0" Longitude: 118° 31' 42"  22224 Placerita Canyon Road, Santa Clarita, CA 91321					
				nta Ciarita, CA 91321			
County		Los Ang	eies				
Distance to roadways (1		91	012				
Traffic count (AADT, y	/ear)	5,000 / 2	012				
Groundcover		Asphalt					
(e.g. asphalt, dirt, sand)		21000 I	A1 I D1-	Aala airra NAC A			
Representative statistica		31080-L	os Angeles, Long Beach,	Ananeim MSA			
(i.e. MSA, CBSA, other Pollutant, POC	Carbon Mon	orido 1	Nitrogen Dioxide, 1	Ozone, 1	PM10, 1		
	1	oxide, i		· · · · · · · · · · · · · · · · · · ·	/		
Primary / QA Collocated / Other	N/A		N/A	N/A	Primary		
Parameter code	42101		42602	44201	81102		
Basic monitoring	NAAQS		NAAQS	NAAQS	NAAQS		
objective(s)  Network affiliation	N/A		N/A	N/A	N/A		
				Highest	Population Exposure		
Site type(s)	Population E	exposure	Population Exposure	Concentration	Population Exposure		
Monitor (type)	SLAMS		SLAMS	SLAMS	SLAMS		
Instrument	Horiba APM	IA 360	Teledyne T200	Teledyne T400	GMW 1200 SSI		
manufacturer and							
model							
Method code	106		099	087	063		
FRM/FEM/ARM/	FRM		FRM	FEM	FRM		
other							
Collecting Agency	South Coast	AQMD	South Coast AQMD	South Coast AQMD	South Coast AQMD		
Analytical Lab (i.e.,	N/A		N/A	N/A	South Coast AQMD		
weigh lab, toxics lab,							
other)							
Reporting Agency	South Coast AQMD		South Coast AQMD	South Coast AQMD	South Coast AQMD		
Spatial scale (e.g.	Neighborhoo	od	Neighborhood	Urban	Neighborhood		
micro, neighborhood)							
Monitoring start date	05/2001		05/2001	05/2001	05/2001		
(MM/DD/YYYY)					1.5		
Current sampling	1:1		1:1	1:1	1:6		
frequency (e.g.1:3,							
continuous)	NT/A		NT/A	NI/A	1.6		
Calculated sampling	N/A		N/A	N/A	1:6		
frequency							
(e.g. 1:3/1:1)	01/01-12/31		01/01-12/31	01/01-12/31	01/01-12/31		
Sampling season (MM/DD-MM/DD)	01/01-12/31		01/01-12/31	01/01-12/31	01/01-12/31		
Probe height (meters)	4.4		4.4	4.4	2.6		
Distance from			1.8	1.8	1.6		
supporting structure	1.8 *Roof itself is		*Roof itself is	*Roof itself is	1.0		
(meters)			supporting structure.	supporting structure.	'		
Distance from	supporting structure. N/A		N/A	N/A	N/A		
obstructions on roof	11/71		11/11	11/71	11/12		
(meters)							
(11101015)	I .		1	L	ı		

Distance from obstructions not on	N/A	N/A	N/A	N/A
roof (meters)				
Distance from trees (meters)	30	30	30	30
Distance to furnace or	N/A	N/A	N/A	N/A
incinerator flue	IN/A	IN/A	IN/A	IV/A
(meters)				
Distance between	N/A	N/A	N/A	N/A
collocated monitors	IN/A	IN/A	IN/A	IN/A
(meters)	2.600	2.600	2.600	2500
Unrestricted airflow	360°	360°	360°	360°
(degrees)				
Probe material for	Teflon	Teflon	Teflon	N/A
reactive gases				
(e.g. Pyrex, stainless				
steel, Teflon)				
Residence time for	9.1	10.3	9.4	N/A
reactive gases				
(seconds)				
Will there be changes	No	No	No	No
within the next 18				
months? (Y/N)				
Is it suitable for	N/A	N/A	N/A	N/A
comparison against				
the annual PM2.5?				
(Y/N)				
Frequency of flow	N/A	N/A	N/A	Monthly
rate verification for	1,712	1,112	1,711	1.1511uiiy
manual PM samplers				
Frequency of flow	N/A	N/A	N/A	N/A
rate verification for	14/11	14/11	14/11	17/11
automated PM				
analyzers				
Frequency of one-	Nightly	Nightly	Nightly	N/A
point QC check for	Nightiy	Nightiy	Nightiy	IV/A
gaseous instruments				
Last Annual	10/08/2020	10/08/2020	10/08/2020	N/A
Performance	10/08/2020	10/08/2020	10/06/2020	IN/A
Evaluation for				
gaseous parameters				
(MM/DD/YYYY)	DT/A	DT/A	37/4	00/10/2020
Last two semi-annual	N/A	N/A	N/A	08/18/2020
flow rate audits for				The first of two semi-
PM monitors				annual flow rate
(MM/DD/YYYY,				audits were not
MM/DD/YYYY)				completed due to
				COVID-19.

Pollutant, POC	Continuous PM2.5, 3	WS & D, 1/1	RH/T, 1/1	BP, 1
Primary / QA	Other	Primary	Primary	Primary
Collocated / Other				
Parameter code	88502	61101/61102	62201/62101	64101
Basic monitoring	NAAQS	NAAQS	NAAQS	NAAQS
objective(s)				
Site type(s)	Population Exposure	Meteorological	Meteorological	Meteorological
Monitor (type)	SLAMS	SLAMS	SLAMS	SLAMS
Network affiliation	N/A	N/A	N/A	N/A
Instrument manufacturer and model	Met One BAM 1020	RM Young 05305V	Rotronic HC2-S3	Met One 091
Method code	731	065/065	063/063	015
FRM/FEM/ARM/	Non-FEM	N/A	N/A	N/A
other	1,011 1 21/1	1,112	1,712	1,712
Collecting Agency	South Coast AQMD	South Coast AQMD	South Coast AQMD	South Coast AQMD
Analytical Lab (i.e., weigh lab, toxics lab, other)	N/A	N/A	N/A	N/A
Reporting Agency	South Coast AQMD	South Coast AQMD	South Coast AQMD	South Coast AQMD
Spatial scale (e.g.	Neighborhood	Urban/ Neighborhood	Urban/ Neighborhood	Urban/ Neighborhood
micro, neighborhood)				
Monitoring start date	10/23/2008	05/2001	05/2001	05/2001
(MM/DD/YYYY)				
Current sampling	1:1	Continuous	Continuous	Continuous
frequency (e.g.1:3,				
continuous)				
Calculated sampling	N/A	1:1	1:1	1:1
frequency				
(e.g. 1:3/1:1)				
Sampling season	01/01-12/31	01/01-12/31	01/01-12/31	01/01-12/31
(MM/DD-MM/DD)				
Probe height (meters)	5.4	10	9.0	1.5
Distance from	1.8	10	9.0	1.5
supporting structure	*Roof itself is			*Tower itself is
(meters)	supporting structure.			supporting structure.
Distance from	N/A	N/A	N/A	N/A
obstructions on roof				
(meters)				
Distance from	N/A	N/A	N/A	N/A
obstructions not on				
roof (meters)				
Distance from trees	16	16	16	16
(meters)				
Distance to furnace or	N/A	N/A	N/A	N/A
incinerator flue				
(meters)				
Distance between	N/A	N/A	N/A	N/A
collocated monitors				
(meters)				
Unrestricted airflow	360°	360°	360°	360°
(degrees)				

Probe material for reactive gases (e.g. Pyrex, stainless	Stainless	N/A	N/A	N/A
steel, Teflon)				
Residence time for reactive gases (seconds)	N/A	N/A	N/A	N/A
Will there be changes within the next 18 months? (Y/N)	No	No	No	No
Is it suitable for comparison against the annual PM2.5? (Y/N)	N/A	N/A	N/A	N/A
Frequency of flow rate verification for manual PM samplers	N/A	N/A	N/A	N/A
Frequency of flow rate verification for automated PM analyzers	Monthly	N/A	N/A	N/A
Frequency of one- point QC check for gaseous instruments	N/A	N/A	N/A	N/A
Last Annual Performance Evaluation for gaseous parameters (MM/DD/YYYY)	N/A	N/A	N/A	N/A
Last two semi-annual flow rate audits for PM monitors (MM/DD/YYYY, MM/DD/YYYY)	05/14/2020 11/24/2020	N/A	N/A	N/A

## Santa Clarita Site Photos



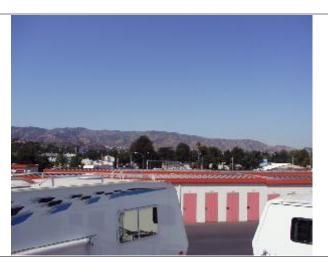
**Looking North from the probe.** 



**Looking East from the probe.** 



**Looking South from the probe.** 



**Looking West from the probe.** 

## Santa Clarita Site Photos (Cont.)



Looking at the probe from the North.



Looking at the probe from the East.



Looking at the probe from the South.



Looking at the probe from the West.